

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	575	(385/14.ccls. 372/43.ccls.) and @pd>"20050728"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/15 11:57
L3	4166	385/129-132.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/15 11:57
L4	52	((deflect\$4 path near5 (alter\$4 chang\$4 modify\$3)) and laser near5 diffus\$4).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/15 11:58
L5	61	((deflect\$4 path near5 (alter\$4 chang\$4 modify\$3)) and laser near5 diffus\$4) and "385"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/15 11:59
S2	1852	waveguide near3 (two\$1dimension\$4 (two adj dimension\$4) "2"\$1D)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/09/15 11:55
S3	361	semiconductor adj laser with switch\$3 with mod\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/28 12:17
S4	20	S2 and S3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/28 14:52
S6	101	semiconductor adj laser with switch\$3 with mod\$2 with oscillat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/28 12:17
S7	4	S2 and S6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/28 12:18

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S8	8	S6 and path near3 (conver\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/28 15:04
S9	3	S4 and radiat\$3 with angl\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/28 12:22
S10	5	S3 and (vcSEL (vertical adj cavity adj ((surface adj emitting) surface\$1emitting) adj laser))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/28 12:25
S11	6844	(vcSEL (vertical adj cavity adj ((surface adj emitting) surface\$1emitting) adj laser))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/28 12:25
S12	160078	switch\$3 with control\$3 with (aperture current)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/28 12:27
S13	135	S11 and S12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/28 12:27
S14	693	S11 and (current with (constrict\$3 limit\$4 restrict\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/28 12:28
S15	25	S12 and S14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/28 12:28
S16	17	S15 not @ad>="20031017"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/28 12:31
S17	6	S16 and angle	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/28 12:33

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S18	9	S16 and radiat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/28 12:36
S19	2	S15 and radiat\$3 with angl\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/28 12:37
S20	2	S15 and radiat\$3 with angl\$3 with (alter\$3 chang\$3 vary\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/28 12:39
S21	3	S8 and radiat\$3 with angl\$3 with (chang\$3 vary\$3 varies alter\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/28 12:41
S22	9	path near3 (conver\$4) with radiat\$3 with angl\$3 with (chang\$3 vary\$3 varies alter\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/28 14:37
S23	581	laser with radiation adj angle	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/28 14:38
S24	47	laser with ((radiation adj angle) near3 (chang\$3 rotat\$3 alter\$3 vary\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/28 14:45
S25	2	S24 with path near3 (convert\$3 chang3 alter\$3 transform\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/28 14:44
S26	2	"20040146238"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/28 14:45
S27	1852	waveguide near3 (two\$1dimension\$4 (two adj dimension\$4) "2"\$1D)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/28 14:52

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S28	361	semiconductor adj laser with switch\$3 with mod\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/28 14:52
S29	2	S27 with S28	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/28 14:53
S30	4	S27 same S28	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/28 14:53
S31	28	S27 and path near3 (conver\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/28 15:06
S32	8	S27 with path near3 (conver\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/28 16:27
S33	100	laser with current adj constricting adj layer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/28 15:44
S34	6	vcsel with current adj constricting adj layer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/28 15:41
S35	75	semiconductor adj laser with current adj constricting adj layer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/28 15:45
S37	43	semiconductor adj laser with current adj constricting adj layer with active adj layer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/28 15:46
S38	10	semiconductor adj laser with current adj constricting adj layer with active adj layer with waveguide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/28 15:50

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S39	4	modal adj laser	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/28 15:50
S41	4571	372/43.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/28 15:51
S42	0	372/43.ccls. and semiconductor adj laser with switch\$3 with mod\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/28 15:51
S43	3607	372/43.ccls. and semiconductor adj laser	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/28 15:52
S44	61	372/43.ccls. and semiconductor adj laser and switch\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/28 15:54
S45	6	372/43.ccls. and semiconductor adj laser and switch\$3 and mod\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/28 15:52
S47	0	laser with current with constrict\$3 with control\$3 with angle with image	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/28 16:15
S48	30	laser with current with constrict\$3 with control\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/28 16:19
S50	1	laser with current with constrict\$3 with control\$3 with aperture	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/28 16:19
S51	2	laser with current with constrict\$3 with control\$3 with path	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/28 16:20

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S53	1	laser with current with constrict\$3 with control\$3 with switch\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/28 16:21
S54	3	laser with current with constrict\$3 with switch\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/28 16:22
S55	8	laser same current with constrict\$3 with switch\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/28 16:22
S57	52	laser with (current adj constricting adj layer) with (active adj layer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/28 16:28
S58	1	laser with (current adj constricting adj layer) with (active adj layer) with switch\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/28 16:29
S59	1	laser with (current adj constricting adj layer) with (active adj layer) with control\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/28 16:29
S60	6	laser with (current adj constricting adj layer) with (active adj layer) with inject\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/28 16:30
S61	6	laser with (current adj constricting adj layer) with (active adj layer) with (aperture path)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/28 16:32
S62	2	laser with (current adj constricting adj layer) with (active adj layer) with angle	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/28 16:33
S63	281	laser with control\$3 with angle with image	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/28 16:34

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S64	1	laser with control\$3 with angle with (far\$1field far adj field) adj image	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/28 16:34
S65	1	laser with control\$3 with radiation adj angle with image	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/28 16:34
S66	4	laser with control\$3 with angle with image with current	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/28 16:36
S67	4829	laser with chang\$3 with angle	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/28 16:36
S68	56	laser with chang\$3 with radiation adj angle	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/28 16:37
S69	6	laser with chang\$3 with radiation adj angle with current	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/28 16:47
S70	10041	optic\$4 near5 circuit\$2 with electric\$4 near5 circuit\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/28 16:48
S71	1242	optic\$4 near5 circuit\$2 with electric\$4 near5 circuit\$2 with circuit adj board	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/28 16:48
S72	6	S71 with laser with waveguide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/28 16:49
S73	28	optic\$2 adj circuit with electric\$2 adj circuit with combin\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/28 16:51

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S76	3944	385/14.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/07/28 16:58
S84	2	"20040146238"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/01/12 11:33